



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/17)**

Montreal, 24 to 28 April 2017

Agenda Item 4: Development of recommendations for amendments to the *Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods* (Doc 9481) for incorporation in the 2019-2020 Edition

**DRAFT AMENDMENTS TO THE EMERGENCY RESPONSE GUIDANCE FOR AIRCRAFT
INCIDENTS INVOLVING DANGEROUS GOODS**

(Presented by the Secretary)

SUMMARY

This working paper contains draft amendments to the *Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods* (Doc 9481) to reflect the decisions taken by the UN Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals at its eighth session (Geneva, 9 December 2016). It also reflects amendments agreed by DGP-WG16 (Montréal, 17 to 21 October 2017).

Action by the DGP-WG: The DGP-WG is invited to agree to the draft amendments in this working paper.

Section 4

**CHART OF DRILLS AND
LIST OF DANGEROUS GOODS WITH
DRILL REFERENCE NUMBERS**

...

4.3 NUMERICAL LIST OF DANGEROUS GOODS WITH DRILL CODES

...

DGP-WG/16-WP/54 (see paragraph 3.5.3.6):

Table 4-1. Aircraft Emergency Response Drills

Table 4-1. Aircraft Emergency Response Drills						
DRILL NO.	INHERENT RISK	RISK TO AIRCRAFT	RISK TO OCCUPANTS	SPILL OR LEAK PROCEDURE	FIREFIGHTING PROCEDURE	ADDITIONAL CONSIDERATIONS
	...					
10	Gas, flammable, high fire risk if any ignition source present	Fire and/or explosion	Smoke, fumes and heat, and as indicated by the drill letter	Use 100% oxygen; establish and maintain maximum ventilation; no smoking; minimum electrics	All agents according to availability	Possible abrupt loss of pressurization
11	Infectious substances may affect humans or animals if inhaled, ingested or absorbed through the mucous membrane or an open wound	Contamination with Infectious substances	Delayed infection to humans or animals	Do not touch. Minimum re-circulation and ventilation in affected area	All agents according to availability. No water on "Y" drill Letter	Call for a qualified person to meet the aircraft
<u>12</u>	<u>Fire, heat, smoke, toxic and flammable vapour</u>	<u>Fire and/or explosion</u>	<u>Smoke, fumes, heat</u>	<u>Use 100% oxygen; establish and maintain maximum ventilation</u>	<u>All agents according to availability. Use water if available</u>	<u>Possible abrupt loss of pressurization; consider landing immediately</u>
	...					

...

Amend Tables 4-2 and 4-3 as indicated:

<i>UN No.</i>	<i>Drill Code</i>	<i>Proper shipping name</i>
3090	9FZ 12FZ	Lithium metal batteries
3091	9FZ 12FZ	Lithium metal batteries contained in equipment
3091	9FZ 12FZ	Lithium metal batteries packed with equipment
3480	9F 12FZ	Lithium ion batteries
3481	9F 12FZ	Lithium ion batteries contained in equipment
3481	9F 12FZ	Lithium ion batteries packed with equipment

UN Model Regulations, Dangerous goods list (see ST/SG/AC.10/44/Add.1)

DGP-WG/17 is invited to consider:

- how to handle drill codes for the new n.o.s. entries for articles which do not have subsidiary risks assigned (instead a reference to new provisions for determining subsidiary risk in Part 2, Introductory chapter, paragraph 6 is provided in in column 4 of the dangerous goods list)
 - what drill code should be assigned to lithium batteries installed in cargo transport unit
-

<i>UN No.</i>	<i>Drill Code</i>	<i>Proper shipping name</i>
<u>3535</u>	<u>6F</u>	<u>Toxic solid, flammable, inorganic, n.o.s.*</u>
<u>3536</u>	<u>?</u>	<u>Lithium batteries installed in cargo transport unit</u>
<u>3537</u>	<u>10?</u>	<u>Articles containing flammable gas, n.o.s.*</u>
<u>3538</u>	<u>2?</u>	<u>Articles containing non-flammable, non toxic gas, n.o.s.*</u>
<u>3539</u>	<u>2P?</u>	<u>Articles containing toxic gas, n.o.s.*</u>
<u>3540</u>	<u>3?</u>	<u>Articles containing flammable liquid, n.o.s.*</u>
<u>3541</u>	<u>3?</u>	<u>Articles containing flammable solid, n.o.s.*</u>
<u>3542</u>	<u>4?</u>	<u>Articles containing a substance liable to spontaneous combustion, n.o.s.*</u>
<u>3543</u>	<u>4W?</u>	<u>Articles containing a substance which emits flammable gas in contact with water, n.o.s.*</u>
<u>3544</u>	<u>5?</u>	<u>Articles containing oxidizing substance, n.o.s.*</u>
<u>3545</u>	<u>5?</u>	<u>Articles containing organic peroxide, n.o.s.*</u>
<u>3546</u>	<u>6?</u>	<u>Articles containing toxic substance, n.o.s.*</u>
<u>3547</u>	<u>8?</u>	<u>Articles containing corrosive substance, n.o.s.*</u>
<u>3548</u>	<u>9?</u>	<u>Articles containing miscellaneous dangerous goods, n.o.s.*</u>

— END —